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## **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

## Listing of Claims:

1. (Currently amended) An APU <u>auxiliary power unit (APU)</u> starter system comprising:

a source of pressurized air that comprises a pair of one or more high-pressure storage vessels each having an aluminum-lined composite configuration, filled with compressed air;

a source of jet fuel;

a turbine power module attached to an APU;

an air flow passageway joining the source of pressurized air to the turbine power module;

a fuel flow passageway joining the source of jet fuel to the turbine power module; and

a second air flow passageway joining the source of pressurized air to a fuel expulsion device for expelling fuel from the source of jet fuel through the fuel flow passageway; and

a separate valve assembly located in each flow passageway for controlling the flow of compressed air and jet fuel into the turbine power module.

- 2. (Canceled)
- 3. (Canceled)
- 4. (Original) The APU starter according to Claim 1, wherein the valve assembly located in the air flow passageway comprises a modulating air control

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valve and a separate regulator and shutoff valve located between the air control valve and the source of pressurized air.

- 5. (Original) The APU starter according to Claim 1, wherein the valve assembly located in the air flow passageway comprises a fixed orifice valve and a shutoff valve located between the fixed orifice and the source of pressurized air.
- 6. (Original) The APU starter according to Claim 1, wherein the valve assembly located in the fuel flow passageway comprises a modulating fuel control valve.
- (Original) The APU starter according to Claim 1, wherein the valve assembly located in the fuel flow passageway comprises a fixed valve orifice.
- 8. (Currently amended) An APU <u>auxiliary power unit (APU)</u> starter system comprising:

a source of pressurized air;

- a source of jet fuel that comprises a fuel tank including an expulsion device for expelling the fuel from the tank;
  - a turbine power module attached to an APU;
  - an air flow passageway joining the source of pressurized air to the turbine power module;
- a fuel flow passageway joining the fuel tank to the turbine power module; and
  - a second air flow passageway joining the source of pressurized air to the expulsion device; and
  - a separate valve assembly located in each flow passageway for controlling the flow of compressed air and jet fuel into the turbine power module.

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- 9. (Currently amended) An APU <u>auxiliary power unit (APU)</u> starter system, comprising:
- a source of pressurized air that comprises a pair of one or more high-pressure storage vessels each having an aluminum-lined composite configuration, filled with compressed air;
  - a source of jet fuel comprising a fuel tank;
  - a turbine power module attached to an APU;
- an air flow passageway joining at least one storage vessel to the turbine power module;
- a fuel flow passageway joining the fuel tank to the turbine power module; and
- a second air flow passageway joining the source of pressurized air to a fuel expulsion device for expelling fuel from the fuel tank through the fuel flow passageway; and
- a separate valve assembly located in each flow passageway for controlling the flow of compressed air and jet fuel into the turbine power module.
  - 10. (Canceled)
  - 11. (Canceled)
- 12. (Previously presented) The APU starter according to Claim 11, wherein the expulsion device comprises at least one component selected from a group essentially comprising a bladder-type expulsion device, a piston, a diaphragm, and a free-surface device.
- 13. (Original) The APU starter according to Claim 9, wherein the valve assembly located in the air flow passageway further comprises a modulating air control valve and a separate regulator and shutoff valve located between the air control valve and the source of pressurized air.

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- 14. (Original) The APU starter according to Claim 9, wherein the valve assembly located in the air flow passageway further comprises a fixed orifice valve and a shutoff valve located between the fixed orifice and the source of pressurized air.
- 15. (Original) The APU starter according to Claim 9, wherein the valve assembly located in the fuel flow passageway comprises a modulating fuel control valve.
- 16. (Original) The APU starter according to Claim 9, wherein the valve assembly located in the fuel flow passageway comprises a fixed orifice valve.
- 17. (Currently amended) An APU <u>auxiliary power unit (APU)</u> starter system, comprising:

a source of pressurized air comprising at least one storage vessel;

a source of jet fuel comprising a fuel tank;

a turbine power module attached to an APU;

an air flow passageway joining the at least one storage vessel to the turbine power module;

a fuel flow passageway joining the fuel tank to the turbine power module; and

a second air flow passageway joining the source of pressurized air to a fuel expulsion device for expelling fuel from the fuel tank through the fuel flow passageway; and

a modulating valve assembly located in the air flow passageway and a control valve located in the fuel flow passageway for controlling the flow of compressed air and jet fuel into the turbine power module,

wherein the APU starter system excludes a pressure transducer and a temperature sensor.

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- 18. (Original) The APU starter according to Claim 17, wherein the modulating valve assembly located in the air flow passageway comprises a modulated air control valve and a separate shutoff valve located between the modulated air control valve and the source of pressurized air.
- 19. (Previously presented) The APU starter according to Claim 17, wherein the control valve comprises a fixed orifice valve located between the fuel tank and the turbine power module.
- 20. (Currently amended) A method of starting an APU <u>auxiliary power</u> <u>unit (APU)</u>, comprising the steps of:

energizing a control valve located in an air flow system between a source of pressurized air and a turbine power module;

energizing a control valve located in a fuel flow system between a source of jet fuel and the turbine power module;

expelling fuel from the source of jet fuel by pressurizing a fuel expulsion device with an air flow from the source of pressurized air:

igniting a mixture of air and fuel within the turbine power module to create a stream of hot gases; and

directing the stream of hot gases onto turbine blades for rotating the blades to drive the APU through a gearbox.

wherein the APU excludes a pressure transducer and a temperature sensor.

21. (Currently amended) An APU <u>auxiliary power unit (APU)</u> starter system, comprising:

a source of pressurized air;

a fuel tank including an expulsion device for expelling the fuel from

5 the tank:

a turbine power module attached to an APU;

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an air flow passageway joining the at least one storage vessel to the turbine power module;

a fuel flow passageway Joining the fuel tank to the turbine power module; and

a second air flow passageway joining the source of pressurized air to the fuel expulsion device for expelling fuel from the fuel tank through the fuel flow passageway; and

a separate valve assembly located in each flow passageway for controlling the flow of compressed air and jet fuel into the turbine power module.

- 22. (Currently amended) The APU starter system according to Claim 2021, wherein the source of compressed air further comprises at least one high-pressure storage vessel.
- 23. (Previously presented) The APU starter system according to Claim 22, wherein the at least one storage vessel further comprises a pair of high-pressure storage vessels each having an aluminum-lined composite configuration, filled with compressed air.
- 24. (Currently amended) The APU starter system according to Claim 2921, wherein the expulsion device further comprises at least one component selected from a group essentially comprising a bladder-type expulsion device, a piston, a diaphragm, and a free-surface device.
- 25. (Currently amended) The APU starter system according to Claim 2021, wherein the valve assembly located in the air flow passageway comprises a modulating air control valve and a separate regulator and shutoff valve located between the air control valve and the source of pressurized air.

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- 26. (Currently amended) The APU starter system according to Claim 2021, wherein the valve assembly located in the air flow passageway comprises a fixed orifice valve and a shutoff valve located between the fixed orifice and the source of pressurized air.
- 27. (Currently amended) The APU starter system according to Claim 2021, wherein the valve assembly located in the fuel flow passageway comprises a modulating fuel control valve.
- 28. (Currently amended) The APU starter system according to Claim 2921, wherein the valve assembly located in the fuel flow passageway comprises a fixed orifice valve.